CONCORDIA UNIVERSITY

NEWSLETTER

UNIVERSITY RESEARCH OFFICE

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## RESEARCH AWARDS TO FACULTY MEMBERS - 1982-83

The Newsletter during the past year has been listing on a quarterly basis research grants and contracts awarded during the previous period.

If any faculty member is a member of a research team with another institution, please submit the data to us for future insertion.

Below are the research grants and contracts awarded for the period September 1, 1982 to November 30, 1982.

| | Title of Project | Granting Agency | Amount |
|---|---|---|---|
| **VICE-RECTOR'S OFFICE** | | | |
| | 12th World Conference of the International Council for Correspondence Education - Vancouver, June 1982 (Conference Grant - Supplementary) (Contact Person - J.S. Daniel) | Canadian Commission for UNESCO | $ 514 |
| | To Identify Research Priorities in the Field of Education (Contact Person - J.S. Daniel) | SSHRC | $14,000 |
| **FACULTY OF ARTS AND SCIENCE** | | | |
| English | William Kurelek - Biography (2nd year of a 2-year grant) (Contact Person - P. Morley) | SSHRC | $13,302 |
| History | Popular Protest and Popular Ideology: The George Rudé Colloquium - Montreal, October 15-16, 1982 (Conference Grant) (Contact Person - C.L. Bertrand) | SSHRC | $ 2,000 |

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|---|---|---|---|
| FACULTY OF ARTS AND SCIENCE (Cont'd) | | | |
| Education | A comprehensive survey of high and low achievement in two Operation Renewal schools (Contact Person - M. Farrell) | Montreal Catholic School Commission | $ 7,000 |
| Psychology | Research in Human Sexual Behaviour (Contact Person - W. Brender) | Anonymous | $1,980 |
| | Concordia Fund for Alcoholism and Addiction Research (Contact Person - A. Sutherland) | Anonymous | $ 2,000 |
| | Concordia Fund for Alcoholism and Addiction Research (2nd year of a 4-year pledge) (Contact Person - A. Sutherland) | Joseph E. Seagram & Sons Limited | $25,000 |
| | Concordia Fund for Alcoholism and Addiction Research (Contact Person - A. Sutherland) | Brett-Pat Canada Ltd. | $ 5,000 |
| | Institute for Research in Human Drug Use (Contact Person - R.A. Wise) | Anonymous | $ 5,240 |
| Religion | Educational Institutions and Religio-Ethnic Identity: The Case of the Jewish Community - October 30 - November 1, 1982 (Conference Grant) (Contact Person - J.N. Lightstone) | SSHRC | $ 1,500 |
| Sociology | Cultural Continuity and Change in the Greek Family: An Intergenerational Analysis (Contact Person - E. Gavaki) | Secretary of State | $ 6,580 |
| Chemistry | Research allied to coal liquifaction processes, dehydrosulfurization of pitch and development of catalysts for hydro cracking of bitumens (Contract) (Contact Person - T. Adley) | Technitrol Canada Ltd. | $55,000 |

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| FACULTY OF ARTS AND SCIENCE (Cont'd) | | | |
| Chemistry | Réactivité des catalyseurs à base de zéolite ZSM-5 cristallisée sur l'amiante crysotile (Contract - 1st of 2-years) (Contact Person - P.H. Bird) | Institut de Recherche et de Développement sur l'Amiante | $58,092 |
| | Special Research Projects - Chemistry Department (Contact Person - C.H. Langford) | Ayerst, McKenna & Harrison Inc. | $ 1,500 |
| | Analysis methods for control of indoor air pollutants (PRAI Grant - 1st of 3-years) (Contact Person - C.H. Langford) | NSERC | $66,000 |
| Mathematics | Intégration de la recherche à la formation et au perfectionnement des enseignants en didactique de la mathématique (Contact Persons - M. Herscovics and J.C. Bergeron - U. of M.) | FCAC | $48,500 |
| | Processus stochastiques, théorie, inférence et applications (Contact Persons - Y.H. Wang and J.-P. Dion - UQAM) | FCAC | $10,000 |
| Simone de Beauvoir | International Conference on Research and Teaching Related to Women (Conference Grant) (Contact Person - M. Verthuy) | Anonymous | $ 100 |
| | " | The Ford Foundation | $ 517 U.S. (Suppl.) |
| FACULTY OF COMMERCE AND ADMINISTRATION | | | |
| Management | Study on Union Participation of Ethnic Minorities in Montreal (Contact Person - C. Lipsig-Mumme) | Confederation of National Trade Unions | $ 2,500 |
| Marketing | Formation of a Transportation Centre (Contact Person - K.L. McGown) | C.N.R. | $ 6,500 |

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| **FACULTY OF ENGINEERING AND COMPUTER SCIENCE** | | | |
| Computer Science | Statistical techniques for source characterization and classification using acoustic emission (1st year of a 3-year grant) (Contact Person - D.R. Hay) | NSERC | $ 9,650 |
| Electrical Engineering | Error control coding for the telidon-A Canadian videotex system and digital television (Strategic Grant - 2nd year of 2-year) (Contact Person - V.K. Bhargava) | NSERC | $40,692 |
| | Adaptive forward error correction techniques for digital communications by satellite (Strategic Grant - 1st year of 3-year) (Contact Person - V.K. Bhargava) | NSERC | $49,000 |
| | Continuing development program in the area of aircraft EMC prediction techniques (Contract - 1st of 3-years) (Contact Person - S.J. Kubina) | Department of National Defence | $91,399 |
| Mechanical Engineering | A multiple, solar, air and storage, source heat pump for cold climates (Strategic Grant - 1st year of 3-year) (Contact Person - S. Lin) | NSERC | $45,946 |
| | Purchase of a mini-computer (Strategic Equipment Grant) (Contact Person - S. Lin) | NSERC | $16,500 |
| | Stress Analysis for Optimum Design of Fiberglass Reinforced Plastic Vessels (PRAI Grant - 2nd year of 2-year) (Contact Person - S.V. Hoa) | NSERC | $46,350 |
| **FACULTY OF FINE ARTS** | | | |
| Art History | Art and Architecture in Canada: A Bibliography (1st year of 2-year grant) (Contact Person - L. Singer) | SSHRC | $75,000 |

University Research Office.